4-Nitrosodiphenylamine
156-10-5 | DTXSID1021031

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 325 °C

Global applicability domain: Inside

Local applicability domain index: 3.54e-01

Confidence level: 5.62e-01

Nearest Neighbors from the Training Set

Image not found
4-Nitrosodiphenylamine
Measured: 292
Predicted: 325

Image not found
N-Phenyl-1,4-benzenediamine
Measured: 354
Predicted: 363

Image not found
1,2-Benzenediamine,N-phenyl-
Measured: 313
Predicted: 363

Image not found
4,4'-Oxydianiline
Measured: 350
Predicted: 363

Image not found
2,4'-Biphenyldiamine
Measured: 363
Predicted: 367